WELCH ALLYN MODEL 14680 VIDEO OPHTHALMOSCOPE

Thank you for purchasing the Welch Allyn Video Ophthalmoscope. To ensure accurate and reliable performance, please follow the operating and maintenance instructions found in this manual. These instructions supplement those in separate instructions for the (non-video) ophthalmoscope and Welch Allyn Imaging and Illumination System.

Warnings
Àvertissements

IPXO Not protected against the ingress of water

To be used only with Welch Allyn Imaging and Illumination System°
À utiliser seulement avec le système Imageur de Welch Allyn.

Equipment not to be used in the presence of a flammable anesthetic mixture with air or with Oxygen or Nitrous Oxide.

To be used only with IEC 601-1 approved monitor.
À utiliser seulement avec un monitor homologue IEC 601-1.

Type BF Equipment

This product is designed for continuous use.

Transport/Storage -4° F (-20 ° C) to 120 °F (+49° C). 95% maximum relative humidity.

Video Ophthalmoscope Set Up Procedure:
1. Set up the Welch Allyn Imaging and Illumination System per the instruction booklet included with the system. This system will include a proximal camera cable assembly with a standard C-Mount interface.

2. Screw the Video Ophthalmoscope head (without power handle attached) onto the threaded interface on the head of the camera cable assembly. To obtain proper video orientation, align the notch or arrow on the camera head with the eyepiece of the scope. If necessary, loosen the knurled black adjustment ring on the bottom of the scope interface, and rotate the scope as necessary to align the eyepiece with the notch or arrow on the camera head, then re-tighten the ring.

3. Attach the power handle to the Video Ophthalmoscope head. If it is difficult to access the rheostat button on the power handle because of interference with the camera cable, disconnect the handle from the scope and rotate the handle 180 degrees, then re-attach the handle to the ophthalmoscope.
4. Switch the Power button to the ON position on the Imaging and Illumination platform box.

5. Press the rheostat button on the power handle and rotate to increase light to desired level.

NOTE: The first time that the Video Ophthalmoscope is used with any Imaging and Illumination system, the following Video Focus procedure must be completed to match the scope optics to the video camera. Once a scope and imaging system are "focused" together, the user will only need to adjust the focus via the lens wheel of the scope for each exam, and should not need to touch the video focus.

Video Focus Procedure
To optimize the clarity of video and directly viewed images, follow these steps:

1. Using the Lens Dial on the ophthalmoscope head, set the Diopter setting to the "0" position. Diopter setting can be viewed through the small indicator window found on the back (physician)side of the Video Ophthalmoscope.

2. View a distant object (at least 15 feet away) through the eyepiece of the ophthalmoscope and adjust the lens dial until it is in the best focus through the 'scope (not the monitor).

3. While keeping the unit aimed at the same object, view the image on the video monitor. Adjust the video focus ring (located just beneath the eyepiece of the video ophthalmosocpe head) until it is in focus on the monitor.

If a user changes the video focus, you may need to repeat this 3-step Focus procedure to reset the scope optics to the video camera. Since the polarizing filter removes a large amount of light, ensure that the the filter (located on the front (patient) side of the Video Ophthalmoscope) is not engaged for the focusing steps. Use filter only when excessive glare limits operation.

CE The CE mark on this device indicates it has been tested to and conforms with the provisions noted within the 93/42/EEC Medical Device Directive.

Authorized European Representative Address:

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Warranty and Service
Welch Allyn Inc. warrants the 14680 Video Ophthalmoscope to be free of original defects in material and workmanship and to perform in accordance with manufacturer's specifications for a period of one year from the date of purchase. If this instrument or any component thereof (excluding lamps and batteries) is found to be defective or at variance from the manufacturer's specifications during the warranty period, Welch Allyn will repair or replace the instrument at no cost to the purchaser.

This warranty does not cover breakage or failure due to tampering, misuse, neglect, accidents, modification or shipping, and is void if the instrument is not used in accordance with manufacturer's recommendations or if repaired or serviced by other than Welch Allyn or a Welch Allyn authorized representative. The purchaser must return the instrument directly to Welch Allyn or an authorized representative and bear the costs of shipping.
For service assistance or questions regarding this warranty, please contact:

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